AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1.   (Currently amended) A three-dimensional image display method comprising:

detecting directions of incident light emitted from a light source at a plurality of detectors;

~~detecting~~ calculating a position of [[a]] the light source existing in real space based on the detected directions;

comparing the position of the light source and a virtual position of a display object in a three-dimensional image displayed in real space to obtain a ~~relative positional relation therebetween~~ shadow for applying to the display object from a direction of the light source, the shadow being caused by the light source; and

~~shading in~~ displaying the three-dimensional image with the shadow.

2.   (Currently amended) The method according to claim 1, further comprising:

detecting lightness of the light source at the detectors.

3.   (Currently amended) A three-dimensional image display method comprising:

detecting directions of incident light emitted from a plurality of light sources at a plurality of detectors;

~~detecting~~ calculating positions of [[a]] the plurality of light sources existing in real

space based on the detected directions;

comparing each of the positions of the light sources and a virtual position of a

display object in a three-dimensional image displayed in real space to obtain ~~relative~~

~~positional relations therebetween~~ shadows for applying to the display object from

directions of the light sources, the shadows being caused by the light sources; and

~~shading in~~ displaying the three-dimensional image with the shadows.

4.   (Currently amended) The method according to claim 3, further

comprising:

obtaining a position of a single virtual light source, which represents the plurality

of light sources; and

comparing the position of the virtual light source and the virtual position of the

display object in the three-dimensional image to obtain ~~the relative positional relations~~

~~therebetween~~ a virtual shadow for applying to the display object from a direction of the

single virtual light source, the virtual shadow being caused by the single virtual light

source.

5.   (Currently amended) A three-dimensional image display device

comprising:

a plurality of direction detectors, each of the detectors detecting a direction of

incident light emitted from a light source;

a position detector which detects a position of [[a]] the light source existing in real

space based on the detected directions;

an image process unit configured to compare the position of the light source and

a virtual position of a display object in a three-dimensional image displayed in real

space to obtain a ~~relative positional relation therebetween~~ a shadow for applying to the

display object from a direction of the light source, the shadow being caused by the light

source, and to shade in the three-dimensional image.

6.   (Canceled)

7.   (Currently amended) The device according to claim 5, further comprising:

a display surface configured to display the three-dimensional image, wherein:

the ~~detector is~~ direction detectors are disposed on at least one of the display

surface and a surface adjacent to the display surface.

8.   (Currently amended) The device according to claim 5, further comprising:

a display surface configured to display the three-dimensional image, wherein:

the ~~detector is~~ direction detectors are disposed to be adjacent to the display

surface.

9.   (Currently amended) The device according to claim 5, wherein the

~~detector is~~ direction detectors are disposed at a position where the ~~detector detects~~

direction detectors detect the light emitted from the light source located in the same

direction as at least one of a display direction of the three dimensional image and a

direction in which the three-dimensional image is observed.

10.   (Currently amended) The device according to claim 5, wherein:

each of the ~~detector includes~~ direction detectors include three-primary colors

detection unit that adds colors to the shade.

11–15. (Canceled)